

PubChem CID	Mass(gr/mol)	MPAmin(A^2)	MPAmax(A^2)	SD(1/m2)	Adsorbate
6500	162,129	29,93	49,57	1,51E+18	Tabun GA
7305	182,172905	33,99	52,51	1,43E+18	Soman GD
7871	140,093165	26,66	42,02	1,78E+18	Sarin GB
10461	159,07732	19,82	45,64	1,6433E+18	Sulfur Mustard HD
12958	124,076	27,24	35,21	2,14E+18	DMMP
64505	180,157025	29,37	53,87	1,39E+18	Cyclosarin GF
178033	267,368402	50,31	82,82	9,0558E+17	Agent VX
5372798	207,31788	26,15	39,51	1,8983E+18	Lewisite L
24813	153,323	22,77	29,15	2,5729E+18	TCPO

69609

92,078

25,7

31,63 2,3712E+18 TMPO

reference 4 MPA

O. Jakšić, Z. Jakšić, D. Randjelović, I. Jokić, and M. Frantlović, "Adsorption-Desorption Processes in Defence Against Chemical, Biological, Radiological, Nuclear and Explosive Threats," in Proc. 5th International Scientific Conference on Defensive Technologies OTEH 2012, 2012, pp. 701–706.

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Monolayer Gas Adsorption: the Effect of Molecular Size and the Number of Binding Sites on Sorption Rates," in Proc. 11th Internat. Conf. on Fundamental and Applied Aspects of Physical Chemistry, 2012, 2012, no. 1, pp. 669–671.

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reference for surface density

D. Randjelović, and L. Kolar-Anić, "Multicomponent Monolayer Gas Adsorption: the Effect of Molecular Size and the Number of Binding Sites on Sorption

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ref link

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